



Patent
39588.00002.CIP1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: William E. McKinzie, III

Application No.: 10/828,542

Filing Date: April 19, 2004

Confirmation No.: 3879

Group Art Unit: 2841

Examiner: TBD

For: SYSTEMS AND METHODS FOR
BLOCKING MICROWAVE
PROPAGATION IN PARALLEL
PLATE STRUCTURES UTILIZING
CLUSTER VIAS

CERTIFICATE OF MAILING (37 C.F.R. § 1.8)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail' in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Maria Carvalho

(Name)

(Date)

September 30, 2004
Maria Carvalho
(Signature)

SUBMISSION OF MISSING PARTS AND RELATED APPLICATION PAPERS

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. **Documents Enclosed:**

In response to the **NOTICE TO FILE MISSING PARTS OF APPLICATION UNDER 37 CFR 1.53(b)**, which was mailed by the Patent Office on June 30, 2004 enclosed are:

- ☒ Copy of Notice to File Missing Parts of Nonprovisional Application under 37 CFR 1.53(b) (2 pages);
- ☒ Copies of Executed Declaration (2 pages);
- ☒ Recordation Form Cover Sheet (1 page);

- ☒ Copies of Executed Assignment (2 pages);
- ☒ Power of Attorney (1 page);
- ☒ Fee Transmittal for FY 2004 (in duplicate);
- ☒ Check for \$725.00; and
- ☒ Return Receipt Postcard.

2. **REQUEST FOR EXTENSION OF TIME:**

The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

- ☒ Applicant(s) petitions for an extension of time under 37 CFR § 1.136 [fees: 37 CFR § 1.17(a)(1)-(5)] for the total number of months checked below:

| | EXTENSION (months) | FEE FOR SMALL ENTITY | FEE FOR OTHER THAN SMALL ENTITY |
|-------------------------------------|-----------------------|-------------------------|------------------------------------|
| <input checked="" type="checkbox"/> | one month | \$55.00 | \$110.00 |
| <input type="checkbox"/> | two month | \$210.00 | \$420.00 |
| <input type="checkbox"/> | three month | \$475.00 | \$950.00 |
| <input type="checkbox"/> | four month | \$740.00 | \$1,480.00 |
| <input type="checkbox"/> | five month | \$1005.00 | \$2,010.00 |

3. **FILING FEES**

| | | | |
|--|------------------------|-------------------------------------|-----------|
| BASIC FILING FEE: | | | \$770.00 |
| Total Claims | 40 - 20 = 20 x \$18.00 | | \$360.00 |
| Independent Claims | 2 - 3 = 0 x \$86.00 | | \$0.00 |
| Multiple Dependent Claims | \$280 (if applicable) | <input type="checkbox"/> | \$0.00 |
| Surcharge 37 CFR § 1.16(e) | \$130 (if applicable) | | \$130.00 |
| TOTAL OF ABOVE CALCULATIONS | | | \$1260.00 |
| Reduction by 1/2 for Filing by Small Entity. Note 37 CFR §§ 1.9, 1.27, 1.28. | | | |
| | | <input checked="" type="checkbox"/> | \$630.00 |
| Extension of Time (from above) | | <input checked="" type="checkbox"/> | \$55.00 |
| Assignment--\$40 (if applicable) | | <input checked="" type="checkbox"/> | \$40.00 |
| TOTAL FEES SUBMITTED HERewith | | | \$725.00 |

4. **METHOD OF PAYMENT OF FEES:**

- ☒ Check in the amount of \$725.00 is enclosed to cover the above fee(s).
☐ Charge Deposit Account No. **50-2613** in the amount of \$0.00.
☒ The Commissioner is authorized to charge Counsel's Deposit Account No. **50-2613** for any additional fees required under 37 CFR 1.16, 1.17 and 1.445 that are not covered, in whole or in part, by a check enclosed herewith and to credit any overpayments to said Deposit Account **50-2613**.

Respectfully submitted,

PAUL, HASTINGS, JANOFSKY, & WALKER LLP

Dated: 30-Sept-09

By: 

Noel C. Gillespie
Reg. No. 47,596

NCG/mfc

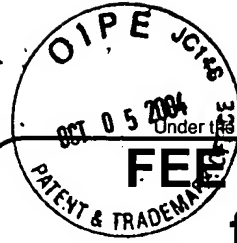
PAUL, HASTINGS, JANOFSKY, & WALKER LLP
CUSTOMER NO.: 36183

P.O. Box 919092

San Diego, CA 92191-9092

Telephone: (858) 720-2500

Facsimile: (858) 720-2555



FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT 725.00

Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | 10/828,542 |
| Filing Date | April 19, 2004 |
| First Named Inventor | William E. McKinzie, III |
| Examiner Name | TBD |
| Art Unit | 2841 |
| Attorney Docket No. | 39588.00002.CIP1 |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-2613
Deposit Account Name: Paul, Hastings, Janofsky & Walker LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|-------------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | \$385.00 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | 385.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | | Extra Claims | | Fee from below | | Fee Paid |
|--------------|--------|--------------|---|----------------|---|----------|
| | | | | | | |
| 40 | -20**= | 20 | x | \$9.00 | = | \$180.00 |
| 2 | -3**= | 0 | x | 0 | = | 0 |
| | | | | | | 0 |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$180.00)

** or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Equity | | Small Equity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | \$65.00 |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | \$55.00 |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(g) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | \$40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$160.00)

SUBMITTED BY

| | | | | | |
|-------------------|-------------------|----------------------------------|--------|-----------|--------------------|
| Name (Print/Type) | Neel C. Gillespie | Registration No (Attorney/Agent) | 47,596 | Telephone | 858-720-2500 |
| Signature | | | | Date | September 30, 2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

The collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Jfw



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-------------------------|------------------------|
| 10/828,542 | 04/19/2004 | William E. McKinzie III | 39588.00002.CIP1 |

CONFIRMATION NO. 3879

FORMALITIES LETTER



OC000000013113491

36183
 PAUL, HASTINGS, JANOFKY & WALKER LLP
 P.O. BOX 919092
 SAN DIEGO, CA 92191-9092

Date Mailed: 06/30/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$180 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$630** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$180**

10/07/2004 RHEBRAHT 00000015 502613 10828542

| | | |
|------------|----------|-----------|
| 03 FC:2001 | | 395.00 OP |
| 04 FC:2051 | | 65.00 OP |
| 05 FC:2202 | 10.00 DA | 170.00 OP |

- \$180 for 20 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Lin

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE